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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,944	08/24/2001	Trung M. Tran	5181-82200	2680

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EXAMINER

HERNANDEZ, OLGA

ART UNIT PAPER NUMBER

2144

DATE MAILED: 06/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/938,944

Applicant(s)

TRAN, TRUNG M.

Examiner

Olga Hernandez

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments regarding claims 1, 10 and 17 have been considered but are moot in view of the new ground(s) of rejection.

Regarding claim 3, a URL is an address for a resource on the Internet, which covers hostname (e.g. www.microsoft.com). In figure 69, Shandony teaches the directory with one or more URL absolute paths.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shandony (6,675,261) in view of Mangat et al (6,049,799).

As per claim 1, Shandony teaches:

- populating a directory with entries for each of a plurality of users of a multi-user computing environment, wherein each entry in the directory comprises a user Id and one or more group names, wherein each of the one or more group names corresponds to a group to which the user Id belongs, and wherein at least one of the entries in the directory comprises a first group name of the one or more group names (figures 1, 5, 7-12);

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- determining a first group access control list for the first group name, wherein the first group access control list comprises the user ids of users whose entries comprises the first group name, and wherein the first group access control list is stored outside of the directory (column 7, lines 64-67, column 8, lines 1-29);
- for each data source in the multi-user computing environment which permits access by the first group name, granting access to the respective data source to the users in the first group access control list (column 8, lines 12-29, figures 7-12).

Shandony does not teach a group to which the user id belongs, and wherein at least one of the entries in the directory comprises a first group; and the first group access control list is stored outside of the directory. However, Mangat teaches a group to which the user id belongs, and wherein at least one of the entries in the directory comprises a first group; and the first group access control list is stored outside of the directory (figure 5, column 2, lines 14-28, column 16, lines 40-52). Thus, it would have been obvious to one skill in the art to combine Shandony's request data with Mangat's entries outside of the directory in order to search for association lists among other attributes and to provide a query data structure to be resolved against any data structure, such as a document, file, record, entry in a record, or the like.

As per claims 2, 11 and 18, Shandony teaches each entry in the directory comprises a user password to be used. in the authentication of each user (ID (column 9, lines 10-43).

As per claims 3, 12 and 19, Shandony discloses each entry in the directory comprises zero, one or a plurality of hostnames (figures 1 and 3); for each data source in the multi-user computing environment which permits access by the first hostname, granting access to the data source to the one or more users whose directory entries comprises the first hostname and who are seeking access from the host having the first hostname (figures 1, 5, 69, column 16, lines 44-60)

As per claims 4 and 20, Shandony teaches data source comprises a file or a directory in a file system coupled to the multi-user computing environment (figures 1, 3, 8-15).

As per claims 5, 13 and 21, Shandony discloses access comprises read access and granting access to the data source to the users in the first group access control list comprises permitting the users in the first group access control list to read the data source (column 13, lines 25-27).

As per claims 6, 14 and 22, Shandony teaches access comprises write access and granting access to the data source to the users in the first group access control list comprises permitting the users in the first group access control list to write the data source (column 13, lines 27-33).

As per claims 7, 15 and 23, Shandony teaches access comprises execute access and granting access to the data source to the users in the list group access control list comprises permitting the users in the first group access control list to execute the data source (column 1, lines 40-53).

As per claims 8, 16 and 24, Shandony teaches access comprises execute access and granting access to the data source to the users in the first group name and owner but denies access to others, denying access to the data source to users who are not in the first group access control list and who are not the owner of the data source (column 7, lines 54-67, column 8, lines 1-11).

As per claims 9 and 25, Shandony teaches the UNIX operating system (column 11, lines 5-6).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olga Hernandez whose telephone number is 571-272-7144. The examiner can normally be reached on Mon-Thu 8:30am-7:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to be 'OH' followed by a stylized flourish.

Olga Hernandez
Examiner
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